Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A vascular treatment device, comprising:

a stent ~~a medical device,~~ formed with [[of]] a magnetically susceptible material having a magnetic susceptibility that decreases within a preselected temperature range.

2. (Original) The vascular treatment device of claim 1, wherein the susceptible material has a Curie temperature in the preselected temperature range.

3. (Canceled)

4. (Currently Amended) The vascular treatment device of claim [[3]] 1, wherein the stent includes a core, where ~~wherein~~ the susceptible material comprises a coating on a surface of the core.

5. (Original) The vascular treatment device of claim 4, wherein the coating is disposed on an external surface of the core.

6. (Original) The vascular treatment device of claim 4, wherein the coating is disposed on an internal surface of the core.

7. (Original) The vascular treatment device of claim 4, wherein the coating is disposed on both an internal and external surface of the core.

8. (Currently Amended) The vascular treatment device of claim [[3]] 1, wherein the stent includes a core, where ~~wherein~~ the core is formed of the susceptible material.

9. (Withdrawn) The vascular treatment device of claim 4, wherein preselected portions of the core material are formed of the susceptible material and preselected portions are formed of another material.

10. (Withdrawn) The vascular treatment device of claim 4, wherein only preselected portions, less than the entire core, are coated with the susceptible material.

11. (Original) The vascular treatment device of claim 4, wherein the core comprises a magnetically susceptible material.

12. (Original) The vascular treatment device of claim 1, wherein the susceptible material comprises one of Ferrite Oxide (FEO) and Chromium Oxide (CrO).

13. (Withdrawn) The vascular treatment device of claim 12 wherein the susceptible material has a particle size less than approximately 500 nanometers.

14. (Withdrawn) The vascular treatment device of claim 1, wherein the medical device comprises:

a therapeutic agent delivery device.

15. (Withdrawn) The vascular treatment device of claim 14, wherein the delivery device includes an expandable member, self-expanding to an expanded position at a preselected temperature, and when in the expanded position the expandable member releases the therapeutic agent.

16. (Withdrawn) The vascular treatment device of claim 1, wherein the medical device comprises:

a self-expanding stent, expanding at a temperature no greater than the preselected temperature range.

17. (Withdrawn) The vascular treatment device of claim 1 wherein the medical device comprises a balloon catheter.

18 (Withdrawn) The vascular treatment device of claim 1 wherein the medical device comprises a filter.

19. (Withdrawn) The vascular treatment device of claim 1 wherein the medical device comprises a guidewire.

20. (Original) A vascular treatment system, comprising:
an electromagnetic field generator; and
a medical device deliverable to a treatment site and including a magnetically susceptible material being magnetically susceptible to an electromagnetic field generated by the generator and having a Curie temperature in a preselected temperature range, such that the implantable device heats to a temperature sufficient to treat the treatment site when the electromagnetic field is applied.

21. (Original) The vascular treatment system of claim 20, wherein the medical device comprises;
a stent having a core material.

22. (Original) The vascular treatment system of claim 21, wherein the susceptible material comprises a coating on a surface of the core material.

23. (Original) The vascular treatment system of claim 22, wherein the coating is disposed on an external surface of the core material.

24. (Original) The vascular treatment system of claim 22, wherein the coating is disposed on an internal surface of the core material.

25. (Original) The vascular treatment system of claim 22, wherein the coating is disposed on both an internal and external surface of the core material.

26. (Original) The vascular treatment system of claim 21, wherein the core material is formed of the susceptible material.

27. (Withdrawn) The vascular treatment system of claim 22, the preselected portions of the core material are formed of the susceptible material and preselected portions are formed of another material.

28. (Original) The vascular treatment system of claim 22, wherein only preselected portions, less than the entire core, are coated with the susceptible material.

29. (Original) The vascular treatment system of claim 22, wherein the core material comprises a magnetically susceptible material.

30. (Withdrawn) The vascular treatment system of claim 20, wherein the susceptible material comprises one of Ferrite Oxide (FEO) and Chromium Oxide (CrO) having a particle size of less than approximately 500nm.

31. (Withdrawn) The vascular treatment system of claim 20, wherein the medical device comprises:

a therapeutic agent delivery device.

32. (Withdrawn) The vascular treatment system of claim 31, wherein the delivery device includes an expandable member, self-expanding to an expanded position at a preselected temperature, and when in the expanded position the expandable member releases the therapeutic agent.

33. (Withdrawn) The vascular treatment system of claim 20, wherein the implantable member comprises:

a self-expending stent, expanding at a temperature no greater than the preselected temperature range.

34. - 41. (Canceled)

42. (Previously Presented) The vascular treatment device of claim 1, wherein the coating includes a polymer binder for the magnetically susceptible material.

43. (Previously Presented) The vascular treatment device of claim 1, wherein the core is a metal selected from the group stainless steel, Nitinol, and tantalum.

44. (Previously Presented) The vascular treatment device of claim 1, wherein the coating includes a sintered coating of the magnetically susceptible material on the core.

45. (Previously Presented) The vascular treatment device of claim 1, wherein the coating includes a painted coating of the magnetically susceptible material on the core.

46. (Previously Presented) The vascular treatment device of claim 20, wherein the coating includes a polymer binder for the magnetically susceptible material.

47. (Previously Presented) The vascular treatment device of claim 20, wherein the core is a metal selected from the group stainless steel, Nitinol, and tantalum.

48. (Previously Presented) The vascular treatment device of claim 20, wherein the coating includes a sintered coating of the magnetically susceptible material on the core.

49. (Previously Presented) The vascular treatment device of claim 20, wherein the coating includes a painted coating of the magnetically susceptible material on the core.